

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/000417

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: A61K 35/12, 35/44, A61P 9/00, C12N 5/06, 5/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI, MEDLINE; Keywords; Mesenchym, vascular, blood vessel, endothelial, cardio, heart, stem cells, precursor cells, progenitor, perivascular, 3G5, STRO 1, angiogenesis

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2002/007679 A (The Government of the United States of America...) 31 January 2002 Abstract, examples	41-78, 90-130
X	WO 2001/004268 A (Medvet Science Pty Ltd) 18 January 2001 Abstract, examples, page 27, claims	41-78, 90-130
X	WO 1999/003973 A (Osiris Therapeutics Inc) 28 January 1999 Abstract, claims, page 2 paragraph 4	41-78

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
7 May 2004

Date of mailing of the international search report 17 MAY 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Hellstrom M et al, "Role of PDGF-B and PDGFR-beta in Recruitment of Vascular Smooth Muscle Cells and Pericytes During Embryonic Blood Vessel Formation in the Mouse" Development, Jun 1999, vol 126 (14), pages 3047-55 Abstract	1-40, 79-130
X	Zoltowska A et al, "Malformations of Angiogenesis in the Low Differentiated Human Carcinomas. Immunological Study", Archivum Immunologiae et Therapiae Experimentalis, 2001, vol 49, pages 59-61. Abstract	1-40, 79-130
A	US 5980887 A (Isner et al) 9 November 1999 Entire Document	1-130
P,X	Shi S & Gronthos S, "Perivascular Niche of Postnatal Mesenchymal Stem Cells in Human Bone Marrow and Dental Pulp", Journal of Bone and Mineral Research, April 2003, 18 (4), pages 696-704 Abstract	90-130

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000417

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	0207679	AU	77078/01	CA	2416801	EP	1305400
		US	2004058442				
WO	0104268	AU	56636/00				
WO	9903973	AU	84014/98	CA	2296704	EP	1007631
		US	6387369	US	2003103951		
US	5980887	AU	52432/98	CA	2271690	EP	0941125
		US	6569428	US	2003232050	WO	9819712
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							